



Rabbit follicle-stimulating hormone,FSH ELISA Kit

Product Code	CSB-E06918Rb
Abbreviation	FSH
Target Name	follicle-stimulating hormone,FSH
Uniprot No.	Q6IY73
Alias	follicle-stimulating hormone beta subunit follitropin, beta chain, FSHB
Product Type	ELISA Kit
Immunogen Species	Oryctolagus cuniculus (Rabbit)
Sample Types	serum, plasma, tissue homogenates
Detection Range	1.56 mIU/mL-100 mIU/mL
Sensitivity	0.39 mIU/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Signal Transduction
Gene Names	FSHB
Tag Info	quantitative
Protein Description	Sandwich
Description	This Rabbit FSH ELISA Kit was designed for the quantitative measurement of Rabbit FSH protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 1.56 mIU/mL-100 mIU/mL and the sensitivity is 0.39 mIU/mL.
Target Details	The pituitary glycoprotein hormone family includes follicle-stimulating hormone, luteinizing hormone, chorionic gonadotropin, and thyroid-stimulating hormone. All of these glycoproteins consist of an identical alpha subunit and a hormone-specific beta subunit. This gene encodes the beta subunit of follicle-stimulating hormone. In conjunction with luteinizing hormone, follicle-stimulating hormone induces egg and sperm production. Alternative splicing results in two transcript variants encoding the same protein.
Product Precision	Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<10%



Three samples of known concentration were tested in twenty assays to assess.

Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of rabbit FSH in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

?	Sample	Serum(n=4)
1:1	Average %	85
	Range %	80-92
1:2	Average %	99
	Range %	91-105
1:4	Average %	103
	Range %	92-110
1:8	Average %	94
	Range %	86-98

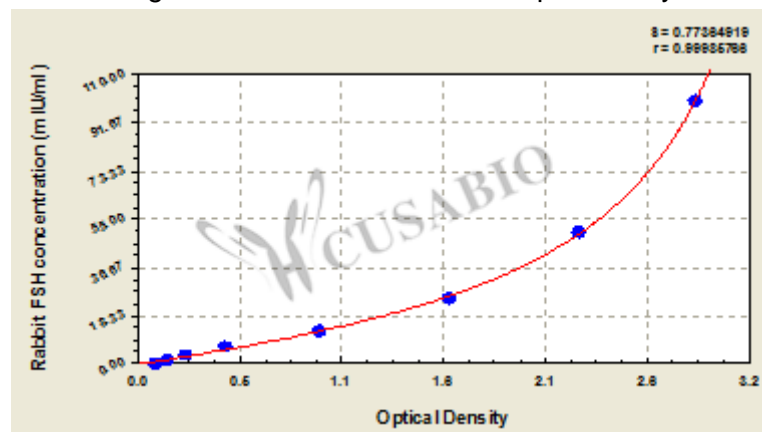
Recovery

The recovery of rabbit FSH spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	94	89-98
EDTA plasma (n=4)	96	90-105

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



mIU/ml	OD1	OD2	Average	Corrected
100	2.885	2.878	2.882	2.789
50	2.346	2.221	2.284	2.191
25	1.619	1.603	1.611	1.518
12.5	0.951	0.933	0.942	0.849
6.25	0.468	0.451	0.460	0.367
3.12	0.255	0.243	0.249	0.156
1.56	0.159	0.149	0.154	0.061
0	0.096	0.090	0.093	?

Msds

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